



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/729,038	12/05/2003	Madhavan Pisharodi	P-3643.03(CIP2)	1006

7590 05/16/2007  
Thomas E. Sisson  
JACKSON WALKER L.L.P.  
Suite 2100  
112 E. Pecan Street  
San Antonio, TX 78205

EXAMINER
----------

PHILOGENE, PEDRO

ART UNIT	PAPER NUMBER
----------	--------------

3733

MAIL DATE	DELIVERY MODE
-----------	---------------

05/16/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/729,038

Applicant(s)

PISHARODI, MADHAVAN

Examiner

Pedro Philogene

Art Unit

3733

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 22 February 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-5, 7 and 8 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5, 7, 8 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3, 5,7 are rejected under 35 U.S.C. 102(b) as being anticipated by Blaushild (4,711,760).

With respect to the claims, Blaushild discloses a fastener system or a locking system for attaching or joining a first work piece with a second work piece comprising an opening, as best seen in FIG.1, in the first work piece (3) for receiving a screw or fastener (17) having a threaded first end threaded in a first direction, an opposite head (41) and a collar (27) having external thread (33), the collar rotational affixed about a head of the screw or fastener; and complimentary locking threads (23) in the opening in the first work piece for engaging the collar to the first work piece of the head such that axial and rotational movement of the screw is restricted when the first work piece is affixed to the second work piece by urging and rotating the treaded first end of the screw into the second work piece; as best seen in FIGS. 1-12; the locking having a top opening a bottom opening a smooth , inner cavity and a threaded outer wall; as best seen in FIGS 1-12, the inner cavity (35) adapted to rotatably retain and hold the head of the screw; as set forth in column 4, lines 26-31; the screw extending outwardly from the bottom opening of the locking collar sufficiently to engage and join the second work piece when the threaded body section of the screw is rotatably urged against the

Art Unit: 3733

second work piece in a second direction of rotation, the complimentary locking threads threaded in a second direction opposite the first threaded direction of the screw; as set forth in column 2, lines 25-57, column 3, lines 49-68, column 4, lines 1-68, column 5, lines 1-11, lines 47-55, and as best seen in FIGS.1-12.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 4, 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Blaushild (4,711,760) in view of Sevrain et al. (6,589,244).

With respect to the claims, it is noted that that Blaushild discloses all the limitations, except for a wrench having an outer body with outwardly extending blades and the blades adapted to engage a slot in a top face of the collar; as claimed by applicant. However, in a similar art, Sevrain et al evidence the use of a wrench with having outer body with outwardly extending blades adapted to engage a slot in a top face of the collar to serve as prongs that fasten the fastener to the work piece.

Therefore, given the teaching of Sevrain et al, it would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the device of Blaushild, as taught by Sevrain et al., to serve as prongs that fasten the fastener to the work piece.

Art Unit: 3733

***Response to Amendment***

Applicant's arguments, see Remarks, filed 2/22/07, with respect to the rejection(s) of claim(s) 1-8 under 102/103 have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made in view of Blaushild.

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

4,043,239

8-1977

DeFusco

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pedro Philogene whose telephone number is (571) 272-4716. The examiner can normally be reached on Monday to Friday 6:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eduardo Robert can be reached on (571) 272 - 4719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3733

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Pedro Philogene  
May 3, 2007

  
PEDRO PHILOGENE  
PRIMARY EXAMINER